GENERAL DESIGN GUIDELINES

- SHOW STATION EQUATIONS, BRIDGE NUMBERS AND STATIONING ON MAJOR CROSS ROADS. PLACE BOX AROUND BRIDGE OR CULVERT NUMBER IF BRIDGE OR CULVERT IS BEING WORKED ON WITHIN THE PROJECT.
- 2 LIST ONLY THE SHEETS THAT APPLY TO THE JOB.
- 3 WHEN AVAILABLE, SHOW TRAFFIC, DESIGN SPEED AND POSTED SPEED IN THIS AREA AND ESAL'S. WHEN DESIGN AND POSTED SPEEDS CHANGE SHOW LIMITS OF CHANGE.
- 4 SHOW FUNDING TYPE, CONTROL SECTION, JOB NUMBER, ROUTE, COUNTY, TOWNSHIP AND CITY OR TOWN, IF APPLICABLE.
- 5 SHOW NORTH ARROW, TOWNSHIP & RANGE ON MAP.
- 6 SHOW TYPE OF WORK AND LENGTH OF PROJECT TO MATCH PROPOSAL AND HOW PROGRAMMED IN MPINS.
- 7 SHOW STATE OF MICHIGAN MAP WITH COUNTY FILLED IN.
- 8 TITLE SHEET LEGEND MUST MATCH THE TITLE SHEET MAP.
- 9 CONSULTANT JOBS ONLY PLACE CONSULTANT BOX ON TITLE SHEET FOR PRIME CONSULTANT ONLY. SUB CONSULTANT WORK FOR THE PRIME MUST HAVE THEIR TITLE BLOCK ON THE SHEETS THEY ARE RESPONSIBLE FOR, NO SIGNATURE REQUIRED.

MDOT DESIGNED PROJECTS WITH CONSULTANT WORK-IF A CONSULTANT DESIGNS A PORTION OF THE PLANS ON A MDOT DESIGNED PROJECT, THE CONSULTANT MUST SIGN EACH SHEET OF WORK FOR 10 SHEETS OR LESS. IF WORK IS GREATER THAN 10 SHEETS, THE CONSULTANT MUST SIGN THE FIRST SHEET OF WORK AND STATE RESPONSIBLE FOR THE FOLLOWING SHEETS #__ THRU SHEET #__.

- MDOT DESIGN COORDINATOR FILL IN NAME OF THE PROJECT MANAGER OR THE MDOT COORDINATOR THAT OVERSEES THE CONSULTANT. IF A COMBINED ROAD/BRIDGE PROJECT, PLACE ROAD COORDINATOR ON THE ROAD TITLE SHEET AND PLACE THE BRIDGE COORDINATOR ON THE BRIDGE TITLE SHEET.
 - DESIGN UNIT* IN HOUSE DESIGNS FILL IN THE NAME OF THE DESIGN UNIT PERFORMING THE
 - CONSULTANT DESIGNS FILL IN THE NAME OF THE PROJECT MANAGER OR MDOT DESIGN UNIT OVERSEEING THE CONSULTANT DESIGN.
 - *THIS NAME APPEARS IN THE DESIGN UNIT ON THE PLAN SHEETS.

PROJECT LOCATION (TSC) - FILL IN THE TSC WHERE THE PROJECT IS LOCATED.

- THE MAJOR CONTROL SECTION NUMBER WHERE THE MAJORITY OF THE WORK IS SHOWN IS NOT IN PARENTHESIS AND THE MINOR CONTROL SECTIONS ARE SHOWN IN PARENTHESIS.
- STRETCH THE BOXES VERTICALLY OR USE A SEPARATE TABLE FOR C.S., J.N. AND FEDERAL NUMBERS WHEN MULTIPLE JN'S ARE TO BE LISTED. JN'S NEED TO BE STACKED SO THE APPROPRIATE FEDERAL NUMBERS CAN BE LISTED NEXT TO THEM.
- LEAVE THE AREAS OF MICHIGAN PROJECT NUMBER BLANK AS THESE NUMBERS ARE FILLED IN BY SPECIFICATIONS AND ESTIMATES.

- 14 PLACE LOWEST JOB NUMBER FIRST, TRANSPORT FILE USES LOWEST JOB NUMBER.
- IF A LOG JOB IS PACKAGED WITH A PLAN JOB, SHOW LIMITS OF LOG JOB ON THE TITLE SHEET.

 PART 1A IS THE ROAD PLAN INDEX, PART 1B IS THE LOG JOB WITH JOB NUMBER, PART 2 IS

 ONLY FOR BRIDGE PLANS. A SEPARATE MAP MAY BE REQUIRED IF THE LOG JOB LOCATION CANNOT FIT ON THE MAIN MAP.
- ADD MGF (MICHIGAN GEOGRAPHIC FRAMEWORK) VERSION FOR PR NUMBERS NOTE WITH CORRECT VERSION NUMBER.
- 17 MAKE ROAD NAMES LEGIBLE.
- ADD NAMES OF DELIVERY ENGINEER, ENGINEER OF DEVELOPMENT, AND PROJECT MANAGER BELOW SIGNATURES.
- LOCATION OF MAP IS LOCATED ON LINE AT THE FOLLOWING WEBSITE,

 http://www.mcgi.state.mi.us/mgdl/?action=ext, "CUT AND PASTE" THIS LINK ONTO YOUR

 BROWSER WINDOW.
- 20 SHOW ANY DETOURS, IF AVAILABLE.
- 21 STIPPLE IN TOWNSHIP & CITY LIMIT LINES AS SHOWN.

OTHER:

THE LOCATION MAP SHOULD PREFERABLY SHOW TWO TRUNKLINE CROSSINGS AND NAMES OF MAJOR CROSSROADS AND CITIES.

SHOW P.O.B. AND P.O.E. STATIONING AND CONTROL SECTION MILE POSTS AND PR NUMBERS.

REFER TO DESIGN MANUAL.

MAKE SURE R.R. NAMES ARE UPDATED. CONTACT R.R. COORDINATION AREA FOR R.R. NAMES.



